

PROVED BY AFTSMAN	O.G. FIG.
	CLASS SUBCLASS

5' ATG GGA ATG GCC TGC CTT ACG ATG ACA GAA ATG GAG GGA ACA TCC ACC TCT TCT Met Gly Met Ala Cys Leu Thr Met Thr Glu Met Glu Gly Thr Ser Thr Ser Ser	9 18 27 36 45 54
ATA TAT CAG AAT GGT GAT ATT TCT GGA AAT GCC AAT TCT ATG AAG CAA ATA GAT Ile Tyr Gln Asn Gly Asp Ile Ser Gly Asn Ala Asn Ser Met Lys Gln Ile Asp	63 72 81 90 99 108
CCA GTT CTT CAG GTG TAT CTT TAC CAT TCC CTT GGG AAA TCT GAG GCA GAT TAT Pro Val Leu Gln Val Tyr Leu Tyr His Ser Leu Gly Lys Ser Glu Ala Asp Tyr	117 126 135 144 153 162
CTG ACC TTT CCA TCT GGG GAG TAT GTT GGA GAA ATC TGT ATT GCT GCT TCT Leu Thr Phe Pro Ser Gly Glu Tyr Val Gly Glu Glu Ile Cys Ile Ala Ala Ser	171 180 189 198 207 216
AAA GCT TGT GGT ATC ACA CCT GTG TAT CAT ATT ATG TTT GCT TTA ATG AGT GAA Lys Ala Cys Gly Ile Thr Pro Val Tyr His Asn Met Phe Ala Leu Met Ser Glu	225 234 243 252 261 270
ACA GAA AGG ATC TGG TAT CCA CCC AAC CAT GTC TTC CAT ATA GAT GAG TCA ACC Thr Glu Arg Ile Trp Tyr Pro Pro Asn His Val Phe His Ile Asp Glu Ser Thr	279 288 297 306 315 324
AGG CAT AAT GTA CTC TAC AGA ATA AGA TTT TAC TTT CCT CGT TGG TAT TGC AGT Arg His Asn Val Leu Tyr Arg Ile Arg Phe Tyr Pro Arg Trp Tyr Cys Ser	333 342 351 360 369 378
GCC AGC AAC AGA GCC TAT CGG CAT GGA ATA TCT CGA GGT GCT GAA GCT CCT CTT Gly Ser Asn Arg Ala Tyr Arg His Gly Ile Ser Arg Gly Ala Glu Ala Pro Leu	387 396 405 414 423 432
CTT GAT GAC TTT GTC ATG TCT TAC CTC TTT GCT CAG TGG CGG CAT GAT TTT GTG Leu Asp Asp Phe Val Met Ser Tyr Leu Phe Ala Gln Trp Arg His Asp Phe Val	441 450 459 468 477 486

FIGURE 1A

APPROVED BY	O.G. FIG.
DRAFTSMAN	CLASS SUBCLASS

CAT	GGA	TGG	ATA	AAA	GTA	CCT	GTT	ACT	CAT	GAA	ACA	CAG	GAA	TGT	CRT	GGG	
His	Gly	Trp	Ile	Lys	Val	Pro	Val	Thr	His	Glu	Thr	Gln	Glu	Cys	Cys	Leu	Gly
495	504				513			522			531					540	
ATG	ACA	GTG	TTA	GAT	ATG	ATG	AGA	ATA	GCC	AAA	GAA	AAC	GAT	CAA	ACC	CCA	CTG
Met	Thr	Val	Leu	Asp	Met	Met	Arg	Ile	Ala	Lys	Glu	Asn	Asp	Gln	Thr	Pro	Leu
549	558				567			576			585					594	
GCC	ATC	TAT	AAC	TCT	ATC	AGC	TAC	AAG	ACA	TTC	TTA	CCA	CAA	TGT	ATT	CGA	GCA
Ala	Ile	Tyr	Asn	Ser	Ile	Ser	Tyr	Lys	Thr	Phe	Leu	Pro	Gln	Cys	Ile	Arg	Ala
603	612				621			630			639					648	
AAG	ATC	CAA	GAC	TAT	CAT	ATT	TTG	ACA	AGG	AAG	CGA	ATA	AGG	TAC	AGA	TIT	CGC
Lys	Ile	Gln	Asp	Tyr	His	Ile	Leu	Thr	Arg	Lys	Arg	Ile	Arg	Tyr	Arg	Phe	Arg
657	666				675			684			693					702	
AGA	TTT	ATT	CAG	CAA	TTC	AGC	CAA	TGC	AAA	GCC	ACT	GCC	AGA	AAC	TTG	AAA	CTT
Arg	Phe	Ile	Gln	Gln	Phe	Ser	Gln	Cys	Lys	Ala	Thr	Ala	Arg	Asn	Leu	Lys	Leu
711	720				729			738			747					756	
AAG	TAT	CTT	ATA	AAT	CTG	GAA	ACT	CTG	CAG	TCT	GCC	TTC	TAC	ACA	GAG	AAA	TTT
Lys	Tyr	Leu	Ile	Asn	Leu	Glu	Thr	Leu	Gln	Ser	Ala	Phe	Tyr	Thr	Glu	Lys	Phe
765	774				783			792			801					810	
GAA	GTA	AAA	GAA	CCT	GGA	AGT	GGT	CCT	TCA	GGT	GAG	ATT	TTT	GCA	ACC	ATT	
Glu	Val	Lys	Glu	Pro	Gly	Ser	Gly	Pro	Ser	Gly	Glu	Ile	Phe	Ala	Thr	Ile	
819	828				837			846			855					864	
ATA	ATA	ACT	GGA	AAC	GGT	GGG	ATT	CAG	TGG	TCA	AGA	GGG	AAA	CAT	AAA	GAA	AGT
Ile	Ile	Thr	Gly	Asn	Gly	Gly	Ile	Gln	Trp	Ser	Arg	Gly	Lys	His	Lys	Glu	Ser
873	882				891			900			909					918	
GAG	ACA	CTG	ACA	GAA	CAG	GAT	TTA	CAG	TTA	TAT	TGC	GAT	TTT	CCT	AAT	ATT	ATT
Glu	Thr	Leu	Thr	Glu	Gln	Asp	Leu	Gln	Leu	Tyr	Cys	Asp	'Phe	Pro	Asn	Ile	Ile
927	936				945			954			963					972	

FIGURE 1B

APPROVED BY	O.G. FIG.
DRAFTSMAN	CLASS SUBCLASS

981 990 999 1008 1017 1026
 GAT GTC AGT ATT AAG CAA GCA AAC CAA GAG GGT TCA AAT GAA AGC CGA GTT GTA
 Asp Val Ser Ile Lys Gln Ala Asn Gln Glu Gly Ser Asn Glu Ser Arg Val Val

 1035 1044 1053 1062 1071 1080
 ACT ATC CAT AAG CAA GAT GGT AAA AAT CTG GAA ATT GAA CTT AGC TCA TTA AGG
 Thr Ile His Lys Gln Asp Gly Lys Asn Leu Glu Ile Glu Leu Ser Ser Leu Arg

 1089 1098 1107 1116 1125 1134
 GAA GCT TTG TCT TTC GTG TCA TTA ATT GAT CGA TAT TAT AGA TTA ACT GCA GAT
 Glu Ala Leu Ser Phe Val Ser Leu Ile Asp Gly Tyr Tyr Arg Leu Thr Ala Asp

 1143 1152 1161 1170 1179 1188
 GCA CAT CAT TAC CTC TGT AAA GAA GTC GCA CCT CCA GCC GTG CTT GAA AAT ATA
 Ala His His Tyr Leu Cys Lys Glu Val Ala Pro Pro Ala Val Leu Glu Asn Ile

 1197 1206 1215 1224 1233 1242
 CAA AGC AAC TGT CAT GGC CCA ATT TCG ATG GAT TTT GCC ATT AGT AAA CTG AAG
 Gln Ser Asn Cys His GLY Pro Ile Ser Met Asp Phe Ala Ile Ser Lys Leu Lys

 1251 1260 1269 1278 1287 1296
 AAA GCA GGT AAT CAG ACT GGA CTG TAT GTA CTT CGA TGC AGT CCT AAG GAC TTT
 Lys Ala Gly Asn Gln Thr Gly Leu Tyr Val Leu Arg Cys Ser Pro Lys Asp Phe

 1305 1314 1323 1332 1341 1350
 AAT AAA TAT TTT TTG ACT TTT GCT GTC GAG CGA GAA AAT GTC ATT GAA TAT AAA
 Asn Lys Tyr Phe Leu Thr Phe Ala Val Glu Arg Glu Asn Val Ile Glu Tyr Lys

 1359 1368 1377 1386 1395 1404
 CAC TGT TTG ATT ACA AAA AAT GAG AAT GAA GAG TAC AAC CTC AGT GGG ACA AAG
 His Cys Leu Ile Thr Lys Asn Glu Asn Glu Glu Tyr Asn Leu Ser Gly Thr Lys

FIGURE 1C

APPROVED BY	O.G. FIG.
DRAFTSMAN	CLASS SUBCLASS

1413	1422	1431	1440	1449	1458
AAG AAC TTC AGC AGT CTT AAA GAT CTT TTG AAT TGT TAC CAG ATG GAA ACT GTT					
Lys Asn Phe Ser Ser Leu Lys Asp Leu Leu Asn Cys Tyr Gln Met Glu Thr Val					
1467	1476	1485	1494	1503	1512
CGC TCA GAC AAT ATA ATT TTC CAG TTT ACT AAA TGC TGT CCC CCA AAG CCA AAA					
Arg Ser Asp Asn Ile Ile Phe Gln Phe Thr Lys Cys Cys Pro Pro Lys Pro Lys					
1521	1530	1539	1548	1557	1566
GAT AAA TCA AAC CTT CTA GTC TTC AGA ACG AAT GGT GTT TCT GAT GTA CCA ACC					
Asp Lys Ser Asn Ile Leu Val Phe Arg Thr Asn Gly Val Ser Asp Val Pro Thr					
1575	1584	1593	1602	1611	1620
TCA CCA ACA TTA CAG AGG CCT ACT CAT ATG AAC CAA ATG GTG TTT CAC AAA ATC					
Ser Pro Thr Leu Gln Arg Pro Thr His Met Asn Gln Met Val Phe His Lys Ile					
1629	1638	1647	1656	1665	1674
AGA AAT GAA GAT TTG ATA TTT AAT GAA AGC CTT GGC CAA GGC ACT TTT ACA AAG					
Arg Asn Glu Asp Leu Ile Phe Asn Glu Ser Leu Gly Gln Gly Thr Phe Thr Lys					
1683	1692	1701	1710	1719	1728
ATT TTT AAA GGC GTA CGA AGA GAA GTA GGA GAC TAC GGT CAA CTG CAT GAA ACA					
Ile Phe Lys Gly Val Arg Arg Glu Val Gly Asp Tyr Gly Gln Leu His Glu Thr					
1737	1746	1755	1764	1773	1782
GAA GRT CTT TTA AAA GTT CTG GAT AAA GCA CAC AGG AAC TAT TCA GAG TCT TTC					
Glu Val Leu Leu Lys Val Leu Asp Lys Ala His Arg Asn Tyr Ser Glu Ser Phe					
1791	1800	1809	1818	1827	1836
TTT GAA GCA GCA AGT ATG AGC AAG CTT TCT CAC AAG CAT TTG GRT TTA AAT					
Phe Glu Ala Ala Ser Met Met Ser Lys Leu Ser His Lys His Leu Val Leu Asn					
1845	1854	1863	1872	1881	1890
TAT GGA GTA TGT GTC TGT GGA GAC GAG AAT ATT CTG GTT CAG GAG TTT GTA AAA					
Tyr Gly Val Cys Val Cys Gly Asp Glu Asn Ile Leu Val Gln Glu Phe Val Lys					

FIGURE 1D

APPROVED BY	O.G. FIG.
DRAFTSMAN	CLASS SUBCLASS

1899	1908	1917	1926	1935	1944
TTT GGA TCA CTA GAT ACA TAT CTG AAA AAG AAT AAA AAT TGT ATA AAT ATA TTA	Phe Gly Ser Leu Asp Thr Tyr Leu Lys Lys Asn Lys Asn Cys Ile Asn Ile Leu				
1953	1962	1971	1980	1989	1998
TGG AAA CTT GAA GCT GGT AAA CAG TTG GCA TGG GCC ATG CAT TTT CTA GAA GAA	Trp Lys Leu Glu Val Ala Lys Gln Leu Ala Trp Ala Met His Phe Leu Glu Glu				
2007	2016	2025	2034	2043	2052
AAC ACC CTT ATT CAT GGG AAT GTA TGT GCC AAA AAT ATT CTG CTT ATC AGA GAA	Asn Thr Leu Ile His Gly Asn Val Cys Ala Lys Asn Ile Leu Leu Ile Arg Glu				
2061	2070	2079	2088	2097	2106
GAA GAC AGG ACA GGA AAT CCT CCT TTC ATC AAA CTT AGT GAT CCT GGC ATT	Glu Asp Arg Lys Thr Gly Asn Pro Pro Phe Ile Lys Leu Ser Asp Pro Gly Ile				
2115	2124	2133	2142	2151	2160
AGT ATT ACA GTT TTG CCA AAG GAC ATT CTT CAG GAG AGA ATA CCA TGG GTA CCA	Ser Ile Thr Val Leu Pro Lys Asp Ile Leu Gln Glu Arg Ile Pro Trp Val Pro				
2169	2178	2187	2196	2205	2214
CCT GAA TGC ATT GAA AAT CCT AAA AAT TTA ATT TTG GCA ACA GAC AAA TGG AGT	Pro Glu Cys Ile Glu Asn Pro Lys Asn Leu Ala Thr Asp Lys Trp Ser				
2223	2232	2241	2250	2259	2268
TTT GGT ACC ACT TTG TGG GAA ATC TGC AGT GGA GGA GAT AAA CCT CTA AGT GCT	Phe Gly Thr Thr Leu Trp Glu Ile Cys Ser Gly Gly Asp Lys Pro Leu Ser Ala				
2277	2286	2295	2304	2313	2322
CTG GAT TCT CAA AGA AAG CTA CAA TTT TAT GAA GAT AGG CAT CAG CTT CCT GCA	Leu Asp Ser Gln Arg Lys Leu Gln Phe Tyr Glu Asp Arg His Gln Leu Pro Ala				
2331	2340	2349	2358	2367	2376
CCA AAG TGG GCA GAA TTA GCA AAC CTT ATA AAT TGT ATG GAT TAT GAA CCA	Pro Lys Trp Ala Glu Leu Ala Asn Leu Ile Asn Asn Cys Met Asp Tyr Glu Pro				

FIGURE 1E

APPROVED BY	O.G. FIG.	
DRAFTSMAN	CLASS	SUBCLASS

GAT	TTC	AGG	CCT	TCT	TTC	AGA	GCC	ATC	ATA	CGA	GAT	CCT	AAC	AGT	TTG	TTT	ACT	2385	2394	2403	2412	2421	2430
Asp	Phe	Arg	Pro	Ser	Phe	Arg	Ala	Ile	Ile	Arg	Asp	Leu	Asn	Ser	Leu	Phe	Thr						
CCA	GAT	TAT	GAA	CTA	TTA	ACA	GAA	AAT	GAC	ATG	TTA	CCA	AAT	ATG	AGG	ATA	GGT	2439	2448	2457	2466	2475	2484
Pro	Asp	Tyr	Glu	Leu	Leu	Leu	Glu	Asn	Asp	Met	Leu	Pro	Asn	Met	Arg	Ile	Gly						
GCC	TTG	GGG	TTT	TCT	GGT	GCC	TTT	GAA	GAC	CGG	GAT	CCT	ACA	CAG	TTT	GAA	GAG	2493	2502	2511	2520	2529	2538
Ala	Leu	Gly	Phe	Ser	Gly	Ala	Phe	Glu	Asp	Arg	Asp	Pro	Thr	Gln	Phe	Glu	Glu						
AGA	CAT	TTG	AAA	TTT	CTA	CAG	CAA	CTT	GGC	AAG	GGT	AAT	TTT	GGG	AGT	GTG	GAG	2547	2556	2574	2575	2583	2592
Arg	His	Leu	Lys	Phe	Leu	Gln	Gln	Leu	Gly	Lys	Gly	Asn	Phe	Gly	Ser	Vail	Glu						
ATG	TGC	CGG	TAT	GAC	CCT	CTA	CAG	GAC	AAC	ACT	GGG	GAG	GTG	GTC	GCT	GTA	AAA	2601	2610	2619	2628	2637	2646
Met	Cys	Arg	Tyr	Asp	Pro	Leu	Gln	Asp	Asn	Thr	Gly	Glu	Val	Val	Ala	Vail	Lys						
AAG	CTT	CAG	CAT	AGT	ACT	GAA	GAG	CAC	CTA	AGA	GAC	TTT	GAA	AGG	GAA	ATT	GAA	2655	2664	2673	2682	2691	2700
Lys	Leu	Gln	His	Ser	Thr	Glu	Glu	His	Leu	Arg	Asp	Phe	Glu	Arg	Glu	Ile	Glu						
ATC	CTG	AAA	TCC	CTA	CAG	CAT	GAC	AAC	ATT	GTA	AAG	TAC	AAG	GGA	GTG	TGC	TAC	2709	2718	2727	2736	2745	2754
Ile	Leu	Lys	Ser	Leu	Gln	His	Asp	Asn	Ile	Val	Lys	Tyr	Lys	Gly	Val	Cys	Tyr						
AGT	GCT	GGT	CGG	CGT	CGT	AAT	CTA	AAA	TTA	ATT	ATG	GAA	TAT	TTA	CCA	TAT	GGA	2763	2772	2781	2790	2799	2808
Ser	Ala	Gly	Arg	Arg	Arg	Asn	Leu	Lys	Leu	Ile	Met	Glu	Tyr	Leu	Pro	Tyr	Gly						
TTA	CGA	GAC	TAT	CTT	CAA	AAA	CAT	AAA	GAA	CGG	ATA	GAT	CAC	ATA	AAA	CTT	CTG	2817	2826	2835	2844	2853	2862
Leu	Arg	Asp	Tyr	Leu	Gln	Lys	His	Lys	Glu	Arg	Ile	Asp	His	Ile	Lys	Leu	Leu						

FIGURE 1F

APPROVED BY	O.G. FIG.
DRAFTSMAN	CLASS SUBCLASS

2871	2880	2889	2898	2907	2916
CAG TAC ACA TCT CAG ATA TGC AAG GGT ATG GAG TAT CTT GGT ACA AAA AGG TAT	Gln Tyr Thr Ser Gln Ile Cys Lys Gly Met Glu Tyr Leu Gly Thr Lys Arg Tyr				
2925	2934	2943	2952	2961	2970
ATC CAC AGG GAT CTG GCA ACG AGA AAT ATA TTG GTG GAG AAC GAG AAC AGA GTT	Ile His Arg Asp Leu Ala Thr Arg Asn Ile Leu Val Glu Asn Glu Asn Arg Val				
2979	2988	2997	3006	3015	3024
AAA ATT GGR GAT TTT GGG TTA ACC AAA GTC TTG CCA CAA GAC AAA GAA TAC TAT,	Lys Ile Gly Asp Phe Gly Leu Thr Lys Val Pro Gln Asp Lys Glu Tyr Tyr				
3033	3042	3051	3060	3069	3078
AAA GTA AAA GAA CCT GGT GAA AGT CCC ATA TTC TGG TAT GCT CCA GAA TCA CTG	Lys Val Lys Glu Pro Gly Glu Ser Pro Ile Phe Trp Tyr Ala Pro Glu Ser Leu				
3087	3096	3105	3114	3123	3132
ACA GAG AGC AAG ATT TCT GTG GCC TCA GAT GTT TGG AGC TTT GGA GTG GRT CTG	Thr Glu Ser Lys Phe Ser Val Ala Ser Asp Val Trp Ser Phe Gly Val Val Leu				
3141	3150	3159	3168	3177	3186
TAT GAA CTT TTC ACA TAC ATT GAG AAG AGT AAA AGT CCA CCA GCG GAA TRT ATG	Tyr Glu Leu Phe Thr Tyr Ile Glu Lys Ser Lys Ser Pro Pro Ala Glu Phe Met				
3195	3204	3213	3222	3231	3240
CGT ATG ATT GGC AAT GAC AAA CAA GGA CAG ATG ATC GTG TTC CAT TTG ATA GAA	Arg Met Ile Gly Asn Asp Lys Gln Gly Gln Met Ile Val Phe His Leu Ile Glu				
3249	3258	3267	3276	3285	3294
CTT TTG AAG AAT AAT GGA AGA TTA CCA AGA CCA GAT GGA TGC CCA GAT GAG ATC	Leu Leu Lys Asn Asn Gly Arg Leu Pro Arg Pro Asp Gly Cys Pro Asp Glu Ile				
3303	3312	3321	3330	3339	3348
TAT ATG ATC ATG ACA GAA TGC TGG AAC AAT AAT GTA AAT CAA CGC CCC TCC TTT	Tyr Met Ile Met Thr Glu Cys Trp Asn Asn Val Asn Gln Arg Pro Ser Phe				

FIGURE 1G

APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
DRAFTSMAN		

3357 3366 3375 3384 3393
AGG GAT CTA GCT CTT CGA GTG GAT CAA ATA AGG GAT AAC ATG GCT GGA TGA 3
Arg Asp Leu Ala Leu Arg Val Asp Gln Ile Arg Asp Asn Met Ala Gly ***

FIGURE 1H

APPROVED BY DRAFTSMAN	O.G. FIG.
	CLASS SUBCLASS

- 1 M G M A C L T M T E M E G T S T S S I Y Q N G D I S G N A N 179527
 1 M G M A C L T M T E M E A T S T S P V H Q N G D I P G S A N GI 409584
- 31 S M K Q I D P V L Q V Y L Y H S L G K S E A D Y L T F P S G 179527
 31 S V K Q I E P V L Q V Y L Y H S L G Q A E G E Y L K F P S G GI 409584
- 61 E Y V G E E I C I A A S K A C G I T P V Y H N M F A L M S E 179527
 61 E Y V A E E I C V A A S K A C G I T P V Y H N M F A L M S E GI 409584
- 91 T E R I W Y P P N H V F H I D E S T R H N V L Y R I R F Y F 179527
 91 T E R I W Y P P N H V F H I D E S T R H D I L Y R I R F Y F GI 409584
- 121 P R W Y C S G S N R A Y R H G I S R G A E A P L L D F V M 179527
 121 P H W Y C S G S S R T Y R Y G V S R G A E A P L L D F V M GI 409584
- 151 S Y L F A Q W R H D F V H G W I K V P V T H E T Q E E C L G 179527
 151 S Y L F V Q W R H D F V H G W I K V P V T H E T Q E E C L G GI 409584
- 181 M T V L D M M R I A K E N D Q T P L A I Y N S I S Y K T F L 179527
 181 M A V L D M M R I A K E K D Q T P L A V Y N S V S Y K T F L GI 409584
- 211 P Q C I R A K I Q D Y H I L T R K R I R Y R F R R F I Q Q F 179527
 211 P K C V R A K I Q D Y H I L T R K R I R Y R F R R F I Q Q F GI 409584

FIGURE 2A

APPROVED BY	O.G. FIG.
DRAFTSMAN	CLASS SUBCLASS

241	S Q C K A T A R N L K L K Y L I N L E T L Q S A F Y T E K F	179527
241	S Q C K A T A R N L K L K Y L I N L E T L Q S A F Y T E Q F	GI 409584
271	E V K E P G S G P S G E E I F A T I I T G N G G I Q W S R	179527
271	E V K E S A R G P S G E E I F A T I I T G N G G I Q W S R	GI 409584
301	G K H K E S E T L T E Q D L Q L Y C D F P N I I D V S I K Q	179527
301	G K H K E S E T L T E Q D V Q L Y C D F P D I I D V S I K Q	GI 409584
331	A N Q E G S N E S R V V T I H K Q D G K N L E I E L S S I R	179527
331	A N Q E C S N E S R I V T V H K Q D G K V L E I E L S S I R	GI 409584
361	E A L S F V S L I D G Y Y R L T A D A H H Y L C K E V A P P	179527
361	E A L S F V S L I D G Y Y R L T A D A H H Y L C K E V A P P	GI 409584
391	A V L E N I Q S N C H G P I S M D F A I S K L K A G N Q T	179527
391	A V L E N I H S N C H G P I S M D F A I S K L K A G N Q T	GI 409584
421	G L Y V L R C S P K D F N K Y F L T F A V E R E N V I E Y K	179527
421	G L Y V L R C S P K D F N K Y F L T F A V E R E N V I E Y K	GI 409584
451	H C L I T K N E N E Y N L S G T K N F S S L K D L L N C	179527
451	H C L I T K N E N G E Y N L S G T N R N F S N L K D L L N C	GI 409584

FIGURE 2B

APPROVED BY	O.G. FIG.
DRAFTSMAN	CLASS SUBCLASS

481	Y Q M E T V R S D N I I F Q F T K C C P P K P K D K S N L L	179527
481	Y Q M E T V R S D S I I F Q F T K C C P P K P K D K S N L L	GI 409584
511	V F R T N G V S D V P T S P T L Q R P T H M N Q M V F H K I	179527
511	V F R T N G I S D V Q I S P T L Q R H N N V N Q M V F H K I	GI 409584
541	R N E D L I F N E S L G Q G T F T K I F K G V R R E V G D Y	179527
541	R N E D L I F N E S L G Q G T F T K I F K G V R R E V G D Y	GI 409584
571	G Q L H E T E V L L K V L D K A H R N Y S E S F F E A A S M	179527
571	G Q L H K T E V L L K V L D K A H R N Y S E S F F E A A S M	GI 409584
601	M S K L S H K H L V L N Y G V C V C G D E N I L V Q E F V K	179527
601	M S Q L S H K H L V L N Y G V C V C G E E N I L V Q E F V K	GI 409584
631	F G S L D T Y L K N K N C I N I L W K L E V A K Q L A W A	179527
631	F G S L D T Y L K N K N S I N I L W K L G V A K Q L A W A	GI 409584
661	M H F L E E N T L I H G N V C A K N I I L I R E E D R K T G	179527
661	M H F L E E K S L I H G N V C A K N I I L I R E E D R R T G	GI 409584
691	N P P F I K L S D P G I S I T V L P K D I L Q E R I P W V P	179527
691	N P P F I K L S D P G I S I T V L P K D I L Q E R I P W V P	GI 409584

FIGURE 2C

APPROVED	O.G. FIG.
BY	
RAFTSMAN	CLASS SUBCLASS

721	P E C I E N P K N L N L A T D K W S F G T T L W E I C S G G	179527
721	P E C I E N P K N L N L A T D K W S F G T T L W E I C S G G	GI 409584
751	D K P L S A L D S Q R K L Q F Y E D R H Q L P A P K W A E L	179527
751	D K P L S A L D S Q R K L Q F Y E D K H Q L P A P K W T E L	GI 409584
781	A N L I N N C M D Y E P D F R P S F R A I I R D L N S L F T	179527
781	A N L I N N C M D Y E P D F R P A F R A V I R D L N S L F T	GI 409584
811	P D Y E L L T E N D M L P N M R I G A L G F S G A F E D R D	179527
811	P D Y E L L T E N D M L P N M R I G A L G F S G A F E D R D	GI 409584
841	P T Q F E E R H L K F L Q Q L G K G N F G S V E M C R Y D P	179527
841	P T Q F E E R H L K F L Q Q L G K G N F G S V E M C R Y D P	GI 409584
871	L Q D N T G E V V A V K K L Q H S T E H L R D F E R E I E	179527
871	L Q D N T G E V V A V K K L Q H S T E H L R D F E R E I E	GI 409584
901	I L K S L Q H D N I V K Y K G V C Y S A G R R N L K L I M E	179527
901	I L K S L Q H D N I V K Y K G V C Y S A G R R N L R L I M E	GI 409584
931	Y L P Y G S L R D Y L Q K H K E R I D H I K L L Q Y T S Q I	179527
931	Y L P Y G S L R D Y L Q K H K E R I D H K K L L Q Y T S Q I	GI 409584

FIGURE 2D

APPROVED BY	O.G. FIG.
DRAFTSMAN	CLASS SUBCLASS

961 CKGMEYLGTKRYIH RDLATRNILVENENRV 179527
 961 CKGMEYLGTKRYIH RDLATRNILVENENRV GI 409584

991 KIGDFGLTKVLPQDKEYYKVKEPGESPTFW 179527
 991 KIGDFGLTKVLPQDKEYYKVKEPGESPTFW GI 409584

1021 YAPESLTESKF SVASDVWSFGVVLYELFTY 179527
 1021 YAPPQSLETESKF SVASDVWSFGVVLYELFTY GI 409584

1051 IEKSKSPPAEFMRMIGNDKQGQMIVFHLLIE 179527
 1051 IEKSKSPPVEFMRMIGNDKQGQMIVFHLLIE GI 409584

1081 LLKNNGRLPRPDGC PDEIYMIMTECWNNNV 179527
 1081 LLKSNNGRLPRPEGCCPDEIYVIMTECWNNNV GI 409584

1111 NQRPSFRDLALRV DQIRDNMAG 179527
 1111 SQRPSFRDLSSF - - GWLKC CG - TV GI 409584

FIGURE 2E